

**ABSTRACT**

A device for determining the conductance of laundry in a drier. The device comprises at least two electrodes (2) and means for dissipating heat from at least one part of at least one of said electrodes (2). The invention further relates to a drier comprising at least one area (5) for receiving laundry and at least two electrodes (2) for measuring the conductance of the laundry, at least one of the electrodes (2) at least partly bordering said receiving area (5). Means for cooling at least one part of at least one of the electrodes (2) are also provided inside the drier. Also disclosed is a method for preventing the formation of layers on electrodes (2) used for measuring conductance in a drier.